## CONSTRUCTION EQUIPMENT 702594 RENTAL VOLVO A30 753398 - DIESEL ENGINE



Sample No:VCP449612Oil Type:VOLVO ULTR.

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Potassium

ppm

**A** 33

702594 RENTAL

	INFORMATION			 	
		VCP449612	-	-	
Sample Number				 	
Sample Date		19 Apr 2024		 	
Machine Hours		1160		 	
Oil Hours		0		 	
Oil Changed		Changed		 	
Sample Status		ABNORMAL		 	
VOLVO					
V OIL CON	DITION				
Visc @ 100°C	cSt	12.6		 	
Base Number (BN	J) mg KOH/g	8.9		 	
Oxidation (PA)	%	75		 	
VOLVO					
CONTAM	NINATION				
Water	%	NEG		 	
Soot %	%	0.2		 	
Nitration (PA)	%	61		 	
Sulfation (PA)	%	62		 	
Glycol	%	NEG		 	
Fuel	%	<1.0			
Silicon	ppm	7		 	
Sodium	ppm	<u> </u>		 	

### ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

### Diagnosis

We advise that you check for the source of the coolant leak. Check for low coolant level. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.The copper level is abnormal. All other component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.

#### WEAR METALS Iron 10 ppm Copper 33 ppm 0 🔲 Lead ppm 0 Tin ppm Aluminum ppm ■ <1 0 Chromium ppm Molybdenum ppm 46 Nickel 8 🔲 ppm Titanium 0 ppm Silver 0 ppm Manganese 0 🔲 ppm Vanadium 0 ppm **ADDITIVES**

Calcium	ppm	<b>1822</b>	 	
Magnesium	ppm	518	 	
Zinc	ppm	<b>1285</b>	 	
Phosphorus	ppm	<b>1075</b>	 	
Barium	ppm	0	 	
Boron	ppm	21	 	

 Depot:
 VOLVO0090

 Unique No:
 10994112

 Signed:
 Jonathan Hester

 Report Date:
 26 Apr 2024

Contact/Location: TODD LARK - VOLVO0090

Report Id: VOLVO0090 [WUSCAR] 06158689 (Generated: 04/26/2024 06:59:02) Rev: 1

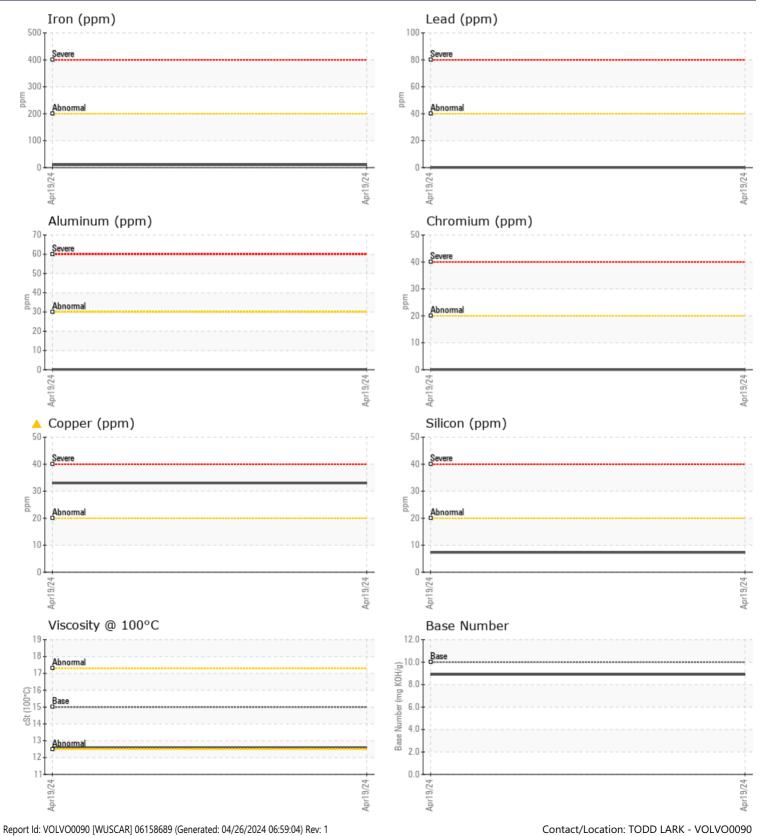
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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